

WO 2005/012560

PCT/CA2004/001413

1/3

SEQUENCE LISTING

<110> PERUSSE, Louis
 BOUCHARD, Luigi
 UNIVERSITE LAVAL

<120> OBESITY MARKERS AND USES THEREOF

<130> 6013-138PCT

<150> 60/490,535

<151> 2003-07-29

<160> 9

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 654

<212> DNA

<213> Artificial Sequence

<220>

<221> gene

<222> (1)...(654)

<223> Neuromedin cDNA

<400> 1

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gaaaagctga	gggagcaggc	tttgccacca	cccagacacc	tttgtggctc	cttggtgacc	180
agcccatccc	cattggggac	agctccccac	acctccctga	gggaccagcg	actgcagggc	240
catccccgga	tctgcatgg	gaggaattac	caccagtagc	tgtattaggg	tgtgacgcag	300
agctcaaagg	aggaacagtc	caaagaaagg	aagctgacct	tcccagtaga	ccccatgtga	360
ggacgctgac	actagcccag	caccaagcac	tgtatttggg	ttttcttcca	cgatcaatgg	420
caggatgccc	ctatctttat	caggagcccc	tccctggctc	aattcttctg	tatgtaatgg	480
ggcagacaca	acagcgtggc	ttagattgtg	cccacccagg	gaagggtgctg	aatggtgctg	540
aatgggaccc	tggtgatggc	cccatctgga	tgtaaattct	gagctcaaat	ctctataaaa	600
ccttgctctt	tacatacaat	gcctgggtcct	ctcctttcac	ccgtctttta	gggg	654

<210> 2

<211> 121

<212> PRT

<213> Artificial Sequence

<220>

<221> PEPTIDE

<222> (1)...(121)

<223> Neuromedin polypeptide

<400> 2

Met	Ala	Arg	Arg	Ala	Gly	Gly	Ala	Arg	Met	Phe	Gly	Ser	Leu	Leu	Leu
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Phe	Ala	Leu	Leu	Ala	Ala	Gly	Val	Ala	Pro	Leu	Ser	Trp	Asp	Leu	Pro
		20						25					30		
Glu	Pro	Arg	Ser	Arg	Ala	Ser	Lys	Ile	Arg	Val	His	Ser	Arg	Gly	Asn
		35					40					45			

Leu Trp Ala Thr Gly His Phe Met Gly Lys Lys Ser Leu Glu Pro Ser
 50 55 60
 Ser Pro Ser Pro Leu Gly Thr Ala Pro His Thr Ser Leu Arg Asp Gln
 65 70 75 80
 Arg Leu Gln Leu Ser His Asp Leu Leu Gly Ile Leu Leu Lys Lys
 85 90 95
 Ala Leu Gly Val Ser Leu Ser Arg Pro Ala Pro Gln Ile Gln Tyr Arg
 100 105 110
 Arg Leu Leu Val Gln Ile Leu Gln Lys
 115 120

<210> 3
 <211> 18
 <212> DNA
 <213> Artificial Sequence

<220>
 <221> primer_bind
 <222> (1)...(18)
 <223> Neuromedin forward PCR primer

<400> 3
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18

<210> 4
 <211> 20
 <212> DNA
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<220>
 <221> primer_bind
 <222> (1)...(20)
 <223> Neuromedin reverse PCR primer

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20

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 <211> 17
 <212> DNA
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<220>
 <221> primer_bind
 <222> (1)...(17)
 <223> Neuromedin mini-sequencing primer

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17

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<223> Neuromedin mRNA quantification forward primer

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<212> DNA
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21

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<223> L27 mRNA quantification forward primer

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<220>
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<223> L27 mRNA quantification reverse primer

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20